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ANNUAL REPORT
of the
Medical Officer of Health
for the Year 1963

Medical Officer of Health :

R. F. Barclay, M.B., B.S., D.P.H.

Districts :

Sodbury Rural District	Kingswood Urban District
Warmley Rural District	Mangotsfield Urban District

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AXX. 32

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SODBURY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Acton Turville, Alderly, Badminton, Cold Ashton, Dodington, Doynton, Dyrham & Hinton, Frampton Cotterell, Filton, Horton, Hawkesbury, Iron Acton, Little Sodbury, Marshfield, Pucklechurch, Sodbury, Stoke Gifford, Tormarton, Westerleigh, Wick & Abson, Wickwar, Winterbourne, Yate.

Chairman of the Public Health Committee
Councillor H. ROGERS, J.P.

WARMLEY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Bitton, Hanham Abbots, Mangotsfield Rural, Oldland, Siston.

Chairman of the Public Health Committee
Miss D. L. BULL

KINGSWOOD URBAN DISTRICT COUNCIL

Composition of District

Wards Chiphouse, Chase, Park, Woodstock, Forest, Hanham.

Chairman of the Public Health Committee
Councillor K. S. Hicks, J.P.

MANGOTSFIELD URBAN DISTRICT COUNCIL

Composition of District

Wards Downend, Soundwell, Mangotsfield.

Chairman of the Housing and Health Committee
Councillor E. P. BIRT

PUBLIC HEALTH STAFF

Medical Officer of Health

R. F. BARCLAY, M.B., B.S., D.P.H.

The Medical Officer's duties are divided into two parts, 50% of each, one part comprising duties as District Medical Officer of Health to the four Districts named below, and for the other part he acts as Medical Officer to the Southern Area Committee of the Gloucestershire County Council Health Committee.

SODBURY RURAL DISTRICT

Public Health Inspectors J. H. E. Steele, M.A.P.H.I., CERT.R.S.H.,
CERT.I.P.H.E.

(Chief Public Health Inspector)

G. G. W. Fry, M.A.P.H.I.

(Senior Public Health Inspector)

A. T. Pepper

M. S. Steer, M.A.P.H.I., A.R.S.H.

WARMLEY RURAL DISTRICT

Public Health Inspectors L. J. Prosser, L.I.O.B., M.A.P.H.I., M.R.S.H.
(Chief Public Health Inspector)

N. R. Massey, M.R.S.H., C.S.I.B.
(Deputy)

B. A. Mills, M.A.P.H.I.

(Additional) from 1st Oct., 1963.

KINGSWOOD URBAN DISTRICT

Public Health Inspectors G. E. Curtis, F.A.P.H.I., M.R.S.H.
(Chief Health Inspector)

J. Gray, M.A.P.H.I., M.R.S.H.
(Deputy Health Inspector)

L. Harris,
(Student Health Inspector)

MANGOTSFIELD URBAN DISTRICT

Public Health Inspectors H. J. Bryant, M.A.P.H.I., M.R.S.H.

R. J. Merrick, M.A.P.H.I., A.R.S.H.
(from Nov. 1963)

S. F. Williams
(Student P.H.I.)

SOUTH GLOUCESTERSHIRE JOINT (M.O.H.) COMMITTEE

Ladies and Gentlemen,

I have the honour to submit the Annual Report of the Medical Officer of Health, for the year 1963.

The increased population and new legislation (in particular the Meat Inspection Regulations) have contributed towards the pressure on all district health departments. The employment of additional staff, and occasionally time off in lieu have, however, helped to mitigate the strain placed upon the Public Health Inspectors, but the advent of the "Offices, Shops and Railway Premises Act" next year, will again increase the load on Health Department staff.

During the year, the cause of 'Clean Air' received encouragement from Sodbury Rural District, which agreed to sponsor a site for the daily measurement of atmospheric pollution in rural areas. This will be one of many sites throughout the country participating in a survey organised by the Department of Scientific and Industrial Research

Support from the four districts for the fluoridation of water supplies is divided. The matter has been in abeyance since the County Council (the Authority legally responsible for the necessary proposal under the National Health Service Act), failed to confirm a resolution of its Health Committee.

In various ways, each district has paid increased attention to the welfare of the aged. Surveys have shown where help could be given; grants have been made to various organisations running services for old people, and appropriate committees have been formed. The County Council for its part opened a new purpose-built Old Persons Home at Cadbury Heath, which although not solely for the needs of the southern area, will, together with "The Chase" at Kingswood, serve as an attractive example to those aged persons who quite naturally, often show so much reluctance to enter "welfare" accommodation.

For much of the detail of the report which follows I am indebted to many people. I would like to express my thanks to The Mass Radiography Units, The Bristol Waterworks Company, and the staff of several district departments, but especially the Public Health Inspectors, without whose efforts this report would not be possible.

I am,

Your Obedient Servant,

R. F. BARCLAY

To The Chairman and Members of
Sodbury Rural District Council
Warmley Rural District Council
Kingswood Urban District Council
Mangotsfield Urban District Council.

SOCIAL CONDITIONS AND GENERAL STATISTICS

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
AREA OF DISTRICT (acres)	69,128	8,843	1,530	1,553
POPULATION (Registrar General's mid-year estimate)	49,060	22,260	27,100	24,350
NUMBER OF INHABITED HOUSES (December Rate Books)	14,467	6,708	8,536	7,512
ESTIMATED NUMBER OF VOID HOUSES (31st December)	398	80	204	15
RATEABLE VALUE 31/12/63	£1,870,213	£615,826	£863,628	£771,250
SUM REPRESENTED BY A PENNY RATE (Year 1962/63)	£7,177	£2,600	£3,630	£1,198

ANALYSIS OF POPULATION CHANGES

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
A. TOTAL BIRTHS	1,074	503	671	411	2,659
B. TOTAL DEATHS	491	172	242	248	1,153
C. NATURAL INCREASE (Births minus deaths)	583	331	429	163	1,506
D. REGISTRAR GENERAL'S ESTIMATED INCREASES (D. - C.)	2,190	760	690	120	3,760
(+ = IMMIGRATION; - = EMIGRATION)	+1,607	+429	+261	-43	+2254

These figures continue to reflect the general trend towards an increased population, both nationally and locally. As in 1962, Sodbury R.D. makes the largest contribution, but the estimated increase for the South Gloucestershire area (3,760) is the smallest since 1959, when it was 3,000. On the other hand, the number of births for the year under review, is 2,659—the largest it has ever been. (It may be noted that in the case of Sodbury R.D. the birth figure tops the one thousand mark for the first time).

From the table it will be noticed that for the second year running, there would appear to have been a trickle of emigration from Mangotsfield Urban District.

It will be seen that the Birth Rates are all higher than the national figure, save in Mangotsfield Urban District where it is lower—a feature which was present in 1962 and 1961 also.

The table shows the birth and death rates per 1,000 population in each district. The figures have been corrected to permit comparison with each other and with other parts of the country, by the use of a comparability factor supplied by the Registrar General. This factor takes into account the age-sex distribution of the country as a whole, compared with that in the particular district.

RATES PER 1,000 HOME POPULATION					
	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	England & Wales
Live Birth Rate	19.9	18.1	20.0	16.7	18.2
Death Rate	12.6	10.97	11.7	12.3	12.2

5

The following table, which combines the figures for the four districts, shows that the Birth Rate has remained consistently above, and the Death Rate below the national figure, for some years.

BIRTH AND DEATH RATES, SOUTH GLOUCESTERSHIRE 1957 - 1963					
Year	S. Glos.	England & Wales	Year	S. Glos.	England & Wales
1957	Birth Rate 16.67	16.1	1961	Birth Rate 18.87	17.4
	Death Rate 10.67	11.5		Death Rate 11.67	12.0
1958	Birth Rate 17.72	16.4	1962	Birth Rate 19.8	18.0
	Death Rate 10.67	11.7		Death Rate 11.7	11.9
1959	Birth Rate 18.17	16.5	1963	Birth Rate 18.67	18.2
	Death Rate 10.52	11.6		Death Rate 11.89	12.2
1960	Birth Rate 20.07	17.1			
	Death Rate 11.25	11.5			

INFANT DEATHS

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
NUMBER OF DEATHS under 1 year of age	10	4	7	1	22
NUMBER OF ABOVE					
occurring under 4 weeks of age	7	2	5	1	15
occurring under 1 week of age	6	2	5	1	14

The number of infant deaths has steadily fallen over the past three years—a trend which it is to be hoped will continue. It will be noticed, that, as in previous years, a very large proportion of these deaths occurred in the first week of life.

TABLE SHOWING INCIDENCE OF
NOTIFIABLE INFECTIOUS DISEASES

	Sodbury Rural District	Warmley Rural District	Kingswood Urban District	Mangotsfield Urban District	Totals
TYPHOID FEVER	—	—	—	—	—
PARATYPHOID	—	—	—	—	—
MENINGOCOCCAL INFECTION	—	—	—	—	—
SCARLET FEVER	5	13	5	4	27
WHOOPING COUGH	15	19	8	16	58
DIPHTHERIA	—	—	—	—	—
ERYSIPELAS	1	—	—	1	2
SMALLPOX	—	—	—	—	—
MEASLES	1,156	219	305	304	1,984
PNEUMONIA	4	2	—	—	6
ACUTE POLOIMYELITIS (including <i>Polioencephalitis</i>)					
Paralytic	—	—	—	—	—
Non-Paralytic	—	—	—	—	—
FOOD POISONING	6	—	2	6	14
PUERPERAL PYREXIA	2	3	—	1	6
DYSENTERY	35	21	17	5	78
OPHTHALMIA- NEONATORUM	—	1	—	—	1
ENCEPHALITIS (infective)	—	—	—	—	—

1963 was an epidemic year for Measles, and Sodbury Rural District bore the brunt of this. The number of notifications received was considerably higher during the last epidemic year (1961) however.

5 of the 14 cases of Food Poisoning were not confirmed bacteriologically, and all save two were single cases.

Three small outbreaks of Sonne Dysentery occurred during the year, one at a local hospital, one at a Training Centre, and another at a school in Sodbury Rural District. Fortunately all were soon brought under control—necessitating the collection and submission of numerous specimens to the laboratory—but they account for the majority of the 78 notifications received. The remainder occurred in small family outbreaks or were isolated cases.

TABLE SHOWING PRINCIPAL CAUSES OF DEATH 1963

CAUSE OF DEATH		TOTAL				
		Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	Total
1.	Tuberculosis, respiratory ...	2	—	—	2	4
2.	Tuberculosis, other ...	2	—	1	—	3
3.	Syphilitic disease ...	—	1	—	—	1
4.	Diphtheria ...	—	—	—	—	—
5.	Whooping Cough ...	—	—	—	—	—
6.	Meningo-coccal infections ...	1	—	1	—	2
7.	Acute Poliomyelitis ...	—	—	—	—	—
8.	Measles ...	—	—	—	—	—
9.	Other infective and parasitic diseases ...	3	—	1	2	6
10.	Malignant neoplasm, stomach	15	7	3	4	29
11.	Malignant neoplasm lung, bronchus ...	19	3	7	10	39
12.	Malignant neoplasm, breast ...	10	3	5	5	23
13.	Malignant neoplasm, uterus ...	3	—	1	2	6
14.	Other malignant and lymphatic neoplasms ...	43	18	30	25	116
15.	Leukaemia, aleukaemia ...	2	—	3	2	7
16.	Diabetes ...	4	—	1	3	8
17.	Vascular lesions of nervous system ...	70	29	25	34	158
18.	Coronary disease, angina, ...	82	25	40	55	202
19.	Hypertension with heart disease	10	5	4	5	26
20.	Other heart diseases ...	51	18	35	41	143
21.	Other circulatory disease ...	27	9	16	11	63
22.	Influenza ...	5	1	—	1	7
23.	Pneumonia ...	42	10	7	10	69
24.	Bronchitis ...	23	13	16	13	65
25.	Other diseases of respiratory system ...	10	2	2	1	15
26.	Ulcer of stomach & duodenum	2	—	4	2	8
27.	Gastritis, enteritis & diarrhoea	—	—	—	—	—
28.	Nephritis and enphrosis ...	—	—	3	1	4
29.	Hyperplasia and prostrate ...	2	—	3	1	6
30.	Pregnancy, childbirth, abortion	—	—	—	—	—
31.	Congenital malformations ...	6	5	4	2	17
32.	Other defined and ill-defined diseases ...	33	4	20	9	66
33.	Motor vehicle accidents ...	13	4	2	3	22
34.	All other accidents ...	7	3	5	3	18
35.	Suicide ...	4	1	3	1	9
36.	Homicide & operations of war	—	—	—	—	—
TOTAL		491	172	242	248	1153

The previous table is set out in seven major groups, from which it may be seen that 600 deaths (52% of the total) were due to the “vascular” diseases (Nos. 16-21 inclusive).

A third of these (202) were due to coronary thrombosis, and this figure almost equals that due to *all* forms of cancer (220—Nos. 10-15 inclusive). 129 of the coronary thrombosis deaths, and 34 of the 39 lung cancer deaths, occurred in men.

Accidental deaths totalling 40 (Nos. 33 and 23), are high (although they were higher in 1960). Reflecting a national trend, the number of road accidents is the highest so far recorded.

ANNUAL RETURN OF FOOD POISONING 1963

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
Notifications Received	6	—	2	6
Cases otherwise ascertained	3	—	—	—
Symptomless Excretors	1	—	—	—
Fatal Cases	—	—	—	—
OUTBREAKS DUE TO IDENTIFIED AGENTS				
Total Outbreaks	1	—	—	—
Total Cases				
(a) Chemical Poisons	—	—	—	—
(b) Salmonella Organisms	2	—	—	—
(c) Staphylococci	—	—	—	—
(d) Cl. Botulinum	—	—	—	—
(e) Cl. Welchii	—	—	—	—
(f) Other bacteria	—	—	—	—
OUTBREAKS OF UNDISCOVERED CAUSE				
Total Outbreaks	—	—	—	—
Total Cases	—	—	—	—
SINGLE CASES				
Agent Identified	7	—	—	3
Unknown Causes	—	—	2	3
Salmonella not food borne	—	—	—	—
TOTAL	7	—	2	6

INCIDENCE OF TUBERCULOSIS
NEW NOTIFICATIONS IN YEAR 1963
(excluding transfers)

RESPIRATORY

AGE GROUPS	Sodbury R.D.		Warmley R.D.		Kingswood U.D.		Mangotsfield U.D.	
	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—
1 - 4 years	—	—	—	—	—	—	—	—
5 - 14 years	—	1	—	—	—	—	—	—
15 - 24 years	—	—	—	—	—	1	—	—
25 - 34 years	1	1	1	2	—	—	—	—
35 - 44 years	1	1	1	—	—	—	—	—
45 - 54 years	1	1	1	2	—	—	1	—
55 - 64 years	1	—	1	—	—	—	3	—
65 years and over	1	—	1	—	1	—	—	—
TOTALS	5	4	5	4	1	1	4	—

NON-RESPIRATORY

Under 1 year	—	—	—	—	—	—	—	—
1 - 4 years	—	—	—	—	—	—	—	—
5 - 14 years	—	1	—	—	—	—	1	—
15 - 24 years	—	—	—	—	—	—	—	—
25 - 34 years	—	1	—	1	—	—	—	—
35 - 44 years	—	1	—	—	—	—	—	—
45 - 54 years	1	—	—	—	—	—	—	—
55 - 64 years	—	—	—	—	—	—	—	—
65 years and over	—	—	—	—	—	—	—	—
TOTALS	1	3	—	1	—	—	1	—

TRANSFERS INTO AREA DURING 1963

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	6	5	1	—
Female	5	—	2	—
NON-RESPIRATORY				
Male	—	—	—	—
Female	1	—	—	—
TOTAL	12	5	3	—

NUMBER ON T.B. REGISTER 31.12.63

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	139	50	110	87
Female	120	56	73	67
NON-RESPIRATORY				
Male	35	11	11	12
Female	41	10	7	16
TOTAL	335	127	201	182

The total number of cases on the T.B. registers of the South Gloucestershire areas is therefore 845 and on this basis the incidence is just over 68 per hundred thousand.

MASS RADIOGRAPHY SERVICE

During the course of the year the mobile unit visited 10 establishments in the area, where since the facility for X-ray is brought to the individual's place of work, the response is usually extremely good. 1578 people were examined and abnormalities detected in 52 of them. Five of these were cases of tuberculosis, requiring treatment.

The South Gloucestershire area was well served with public sessions last year, and none was held during 1963, but visits to various sites are planned for 1964. South Gloucestershire residents did account, however, for 101 of all the people recalled to the static unit in Bristol for a further check on abnormalities detected. In this group (which is quite distinct from those mentioned previously and who attended the mobile unit), 14 were cases of tuberculosis requiring treatment, and 9 others had healed tuberculous lesions. In the group also were 10 cases of lung cancer.

On the basis that approximately 1 in 10 people are recalled for large films, this group of 101 was drawn from approximately 1000 people. It will be noted that in the case of the mobile unit sessions at factories, etc., only 52 abnormal chest conditions were discovered in a total of 1578 individuals—this is a much smaller proportion than 101 out of 1,000, but it should be emphasised that the latter figures refer to people who visited the X-ray unit by their own effort, and usually had good reason to do so.

B.C.G. VACCINATION

This immunisation procedure which gives protection against Tuberculosis is offered to school children at twelve years of age (provided they are negative to a skin test given a few days previously). The results of this work in the South Gloucestershire area are summarised below.

Invitations Acceptances		SKIN TEST RESULTS			B.C.G. Given
		Positive	Strong +ve	Negative	
1112	926	106	8	694	694

VACCINATION

(summarized from figures supplied by the County Medical Officer of Health)

		Sodbury R.D.		Warmley R.D.		Kingswood U.D.		Mangotsfield U.D.			
		Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.		
VACCINATION											
1963	158	12	70	9	196	6	67	5
1962	1331	1803	645	651	757	688	395	510
RE-VACCINATION											
1963	1	—	—	2	1	1	—	—
1962	31	179	3	42	7	36	8	49

The tremendous drop since last year (when cases of smallpox occurred in this country), in the number of vaccinations carried out in children of this area, will be very obvious from the above table.

NUMBER OF PRIMARY VACCINATIONS CARRIED OUT IN INFANTS UP TO ONE YEAR OF AGE
 COMPARED WITH THE ANNUAL NUMBER OF BIRTHS (1963)

Area	No. of Births	Vaccinations Primary	% age
SODBURY R.D.C.	1074	150	
WARMLEY R.D.C.	503	66	
KINGSWOOD U.D.C.	671	191	
MANGOTSFIELD U.D.C.	411	61	
TOTAL ALL DISTRICTS	2659	468	17.6%

Since difficulties can arise in rapidly growing areas, with the allocation of new roads to the correct district. the percentage figure has only been calculated for the whole South Gloucestershire area. At 17.6% it would appear that the memory of 1962 is short lived, and the persuasion of parents to have their children vaccinated must proceed with unabated vigour.

The following tables are submitted by the instructions of the Ministry of Labour and National Service as required by Section 128(3) of the Factories Act, 1937 Part I & VIII.

SODBURY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	96	51	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	11	17	—	—
TOTAL	109	73	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	3	3	—	2	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6.)	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	4	4	—	3	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Carding of buttons, etc.	25	—	—	—	—	—
TOTAL	25	—	—	—	—	—

WARMLEY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	6	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	52	13	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	23	—	—	—
TOTAL	77	19	2	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	3	3	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	3	3	—	—	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	4	—	—	—	—	—
TOTAL	4	—	—	—	—	—

KINGSWOOD U.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	76	15	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	18	7	—	—
TOTAL	96	22	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	1	1	—	1	—
(b) Unsuitable or defective	6	4	—	2	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	7	5	—	3	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions

MANGOTSFIELD U.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	12	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	42	18	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	3	3	—	—
TOTAL	57	26	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	To H.M. Inspector	Referred By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2.)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	—	—	—	—	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	2	—	—	—	—	—
TOTAL	2	—	—	—	—	—

WATER SUPPLIES

SOUTH GLOUCESTERSHIRE AREA

The statutory water supplier for the area is the Bristol Waterworks Company, the only exception being the Parish of Hawkesbury where the supply is controlled by the Sodbury Rural District Council.

NUMBER OF DOMESTIC SUPPLIES AND POPULATION SERVED				
	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
NO. OF DOMESTIC SUPPLIES				
Direct	13,170	6,738	8,933	7,680
Standpipe	14	1	—	—
POPULATION SERVED				
Direct	45,311	22,235	entire population	entire population
Standpipe	70	7	—	—

Bacteriological and chemical samples are taken at intervals throughout the district—from both public and private supplies.

(The Hencliffe Woods and Hanham Mills supplies, hitherto under Rural District Council ownership, have now been taken over by the statutory undertakers).

One private supply, situated in Warmley Rural District on a site adjacent to the River Avon, was subjected to pollution during flood conditions, and it was necessary to provide emergency water tanks. The well was pumped out and treated by gross chlorination, but subsequent samples have been unsatisfactory. The owner of the property has been advised to lay on a main supply, the mains being within a practicable distance.

With regard to mains supplies, only the normal treatment, varying with the source, was necessary to combat any possible contamination.

No source is likely to give a plumbo-solvent water.

Results of the Bristol Waterworks chemical and bacteriological analysis of its sources of supply, both before and after treatment are shown in the following table. (An example of a similar analysis of the Hawkesbury supply appears under that heading).

The company regrets that owing to administrative changes it is not possible to provide this information on a parish basis.

WATER SUPPLIES IN THE RURAL DISTRICT COUNCILS OF SODBURY AND WARMLEY AND THE URBAN DISTRICT COUNCILS OF MANGOTSFIELD AND KINGSWOOD.
SUMMARY OF RESULTS OF ANALYSES MADE BY BRISTOL WATERWORKS COMPANY IN 1963.
(The figures given are the average of the results obtained during the year)

	(A) ALDERLY SOURCE		(B) SHIPTON MOYNE SOURCE		(C) FRAMPTON COTTERELL SOURCE		(D) WATER FROM STOWEY		(E) BRISTOL GENERAL SUPPLY		
	Untreated water	Treated water	Untreated water	Treated water	Untreated water	Treated water	Untreated		Untreated water at Barrow	Treated water at Lodge Hill	
							ex Lake	Chew Valley Stanton Wick			
BACTERIOLOGICAL ANALYSES											
Number of samples	22	22	24	25	23	51	51	12	51	12	
Colonies on Agar in 3 days at 20°C.	21	3.4	155	4.2	34	21	1712	31	763	6.6	
Colonies on Agar in 2 days at 37°C.	11	4.8	14	4.1	4.5	8.9	115	47	59	6.9	
Most probable number of typical faecal B. Coli per 100 mls.	0.5	—	14.3	0.08	0.83	0.39	244	—	84	—	
Most probable number of pre- sumptive B.Coli per 100 mls.	0.68	—	15.7	0.16	1.6	0.82	281	—	132	—	
CHEMICAL ANALYSES (results in p.p.m.)											
Number of samples	6	12		12		12		51		1	
Colour (Burgess Scale)	—	3		1		1		6		—	
Total Solids	434	402		487		487		188		269	
Chlorides as Chlorine	21.5	47.5		36.3		36.3		18.5		17.0	
Nitarates as N	1.99	0.51		0.55		0.55		1.12		0.55	
Nitrites as N	—	0.06		0.04		0.04		0.01		0.05	
Saline Ammonia	—	0.116		0.114		0.114		0.108		0.126	
Albuminoid Ammonia	0.011	0.017		0.017		0.017		0.080		0.052	
Permanganate Oxygen	0.03	0.19		0.16		0.16		0.81		0.48	
Total Hardness	355	251		265		265		131		210	
Permanent Hardness	65	30		33		33		55		60	
Alkalinity as CaCO ₃	300	266		322		322		94		170	
pH	7.25	7.62		7.8		7.8		8.03		7.9	

As far as the various councils are concerned they would derive their water from one or more of the above sources as stated below.

SODBURY R.D.C.	...	...	...	A. B. or C.
WARMLEY R.D.C.	...	...	...	D.
MANGOTSFIELD U.D.C.	...	...	...	All except source A.
KINGSWOOD U.D.C.	...	...	...	Mainly D. and E. but possibly some from B. and C.

MAINS LAID DURING 1963 (IN YARDS)

AUTHORITY/PARISH	3"	4"	5"	6"	7"
SODBURY R.D.C.					
Chipping Sodbury	5	105	—	—	—
Dodington	131	—	—	—	—
Frampton Cotterell	824	194	—	—	—
Iron Acton	4	902	—	—	—
Old Sodbury	329	—	—	—	—
Pucklechurch	17	229	—	—	—
Stoke Gifford	126	1	—	—	—
Westerleigh	425	711	—	259	—
Wick & Abson	163	430	—	—	—
Wickwar	—	1,803	—	—	—
Winterbourne	232	720	—	—	—
Yate	—	19	—	—	—
WARMLEY R.D.C.					
Hanham Abbots	179	102	—	—	—
Mangotsfield Rural	474	75	—	—	—
Oldland	375	160	—	—	—
MANGOTSFIELD U.D.	204	228	—	—	—
KINGSWOOD U.D.	987	791	5	217	703
TOTAL MAINS	4,475	6,475	5	476	703

WATER SCHEMES

ASHWICKE—PARISH OF MARSHFIELD

At the request of the Home Office it has been agreed to extend the water main which was to have been laid as far as Ashwicke Grange Farm for a further half mile to serve St. Joseph's Approved School.

In addition a branch is to be laid to Ayford Lane from the Ashwicke main to serve four cottages and a smallholding.

THE VALE, PUCKLECHURCH

Terms have been agreed with the Water Undertakers and the scheme has been approved by the Gloucestershire County Council and the Ministry of Housing and Local Government.

YATE

Schemes to serve Broad Lane, Dyers Lane and Yate Lower Common have been approved and the Bristol Waterworks Company asked to proceed with the laying of the mains.

An extension of the Yate Lower Common Scheme has been approved and a length of 27 yards of 3" main will serve a further five cottages.

To meet the needs of two farms and a cottage in the region of Firing Close Farm and Wicks Oldbury Farm, a scheme for the laying of 600 yards of 3" main has been approved by the Gloucestershire County Council and the Ministry of Housing and Local Government

HAWKESBURY WATER SUPPLY

The Council's Pumping Station at Kilcot has worked satisfactorily during the past twelve months and no interruptions were experienced in the supply.

The Engineer's quarterly examination of the machinery had, however, shown that the equipment had reached a stage where it was liable to serious breakdown.

It was installed some 23 years ago and used for approximately 21 hours per day.

The design was not satisfactory since the whole of the station had to close if either the lift or ram pump broke down. It was decided, therefore, that a new pump (capable of pumping direct to the reservoir) should be installed, leaving the existing machinery as a stand-by in case of emergency.

This work was carried out at an estimated cost of £1,017 and included the provision of a new chlorinator.

Although samples of raw water have proved satisfactory, chlorination is carried out in accordance with the Ministry's recommendations.

The total amount of water pumped during the year amounted to 33,496,050 gallons giving a daily average of 91,773 gallons, an increase of more than 5% over last year's figures.

10 domestic connections were made during the year and the total number is now:—

Domestic connections at 31.12.63	...	...	218
Metered connections at 31.12.63	...	...	67
Standpipes at 31.12.63	...	...	14
Approximate population served	...	...	1,275

Samples for bacteriological and chemical examination are taken both direct from the well and from standpipes periodically and the result of one such sample is shown on the following page.

SAMPLE TAKEN FROM KILCOT PUMPING STATION

Physical Characteristics : Clear, Bright, Colourless, No Odour. Small amount of particulate matter. No charring or odour on igniting solids.

This sample contains:—

Total dissolved solids	...	...	...	...	332
Loss on ignition	...	...	...	...	14
Mineral matter	...	...	...	...	318
Total hardness	...	...	...	...	244
(a) Permanent	...	...	...	...	72
(b) Temporary	...	...	...	...	172
Chlorine (as Chloride)	...	...	...	...	14
Free Ammonia	...	...	...	...	Nil
Albuminoid Ammonia	...	...	...	...	0.01
Nitrate Nitrogen	...	...	...	...	0.10
Nitrite Nitrogen	...	...	...	...	Nil
Lead	..	...	...	...	Nil
Copper	...	...	...	...	Nil
Zinc	...	...	...	...	Nil
Iron	...	...	...	...	Nil
Residual Chlorine	...	...	...	...	Nil

REPORT ON THE BACTERIOLOGICAL EXAMINATION

(Probable Numbers per 100 ml.)

Coliform Bacilli	...	...	...	...	0
Bact. Coli. Type 1	...	...	...	...	0
Colony Count after 24 hours at 37°C.	...	...	...	...	0
Count after 72 hours at 22°C.	...	...	...	...	18

SODBURY RURAL DISTRICT COUNCIL

DRAINAGE & SEWERAGE

SEWERAGE SCHEMES

OLD SODBURY

The further small extension to the Old Sodbury drainage system has been completed.

HORTON AND HAWKESBURY

Proposals for the drainage of the Parish of Horton have now been incorporated in the scheme for the sewerage of Hawkesbury Upton.

This scheme which will include an extension to the west of the parish of Horton is estimated to cost some £123,000.

The villages of Hillesley and Alderley are to be drained by a separate system.

NORTH ROAD, YATE

A minor scheme for the drainage of the upper part of North Road, Yate, approved by the Gloucestershire County Council and the Ministry of Housing and Local Government is now nearing completion.

76 dwellings will be served by the sewer with a capacity for a further 70 on future development.

ACTON TURVILLE

A scheme for the drainage of 86 dwellings, one school and four farms in the parish of Acton Turville has been submitted to the Gloucestershire County Council. The scheme was originally estimated to cost approximately £20,000 but the question of extending an existing disposal works at Badminton (on the latter being vested in the Council) has been agreed in principle and further surveys are in progress.

YATE/FRAMPTON COTTERELL LINK SEWER

Progress on the Yate/Frampton Cotterell link sewer is well within contract dates and if this progress is maintained, it will be completed some months ahead of the date provided for in the contract June, 1965.

The purpose of the scheme is to connect the drainage systems of Yate and Chipping Sodbury to the head of the existing Frome Valley Sewer near St. Peters Church, Frampton Cotterell which will then discharge into the Bristol system. The sewage disposal works at Nibley, Yate, will then be abandoned.

SODBURY RURAL DISTRICT COUNCIL

The Frome Valley Main Drainage Scheme promoted by the Thornbury and Sodbury Rural District Councils and the Mangotsfield Urban District Council has reached the last stage of construction. The existing sewage works at Winterbourne will become redundant, when the construction of treatment works by the Bristol City Council at Avonmouth has been completed, and the Valley Sewer connected to the Bristol System at Eastville.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

The position has not changed regarding the number of premises licenced in the district to manufacture rag flock under the provisions of the above Act.

The registered premises remain at two, one manufacturer and one upholsterer. Samples were taken during the year and there was no cause for complaint or action by the authority.

FOOD INSPECTION

The standard of cleanliness in food premises has been maintained throughout the district and co-operation with traders was such that it was found necessary to take only a few cases of informal action against them.

FOOD CONDEMNED

Canned Meat and Meat Products	...	..	...	324 tins
Milk and Milk Products	...	...	...	224 tins
Fruit and Fruit Juices	...	...	...	376 tins
Vegetables	...	...	...	409 tins
Fish	...	...	...	14 tins
Fish	...	...	...	22 jars
Soup	..	...	...	166 tins
Frozen Pack Fish	...	...	...	12 packets
Frozen Pack Meat	...	...	...	6 packets
Frozen Pack Vegetables	...	...	...	16 packets
Australian Frozen Mutton	...	...	...	7 lbs.
Danish Bacon	...	...	...	42 lbs.
Fresh Herrings	...	...	...	24 lbs.
Jellied Eels	..	...	...	5½ lbs.

TOTAL WEIGHT CONDEMNED 1,119 lbs. 14 ozs.

The bulk of the condemned food came from wholesale premises at Yate where the goods are surrendered against the issue of appropriate certificates and the various items are disposed of at the Council's tip where they are buried.

SODBURY RURAL DISTRICT COUNCIL

SALE OF ICE CREAM

The number of premises registered for the sale of pre-packed ice-cream was 171 showing an increase of 2 over the last years number of 169.

The activities of mobile salesmen were kept under surveillance and no action for any infringement was found to be necessary.

REGISTERED PREMISES

Sale of Ice Cream	...	...	...	...	171
Manufacture of Ice Cream	...	...	...	...	—
Fish Friers	...	...	...	...	5
Meat Products	...	...	...	...	22

MEAT INSPECTION

There are five slaughterhouses in operation in the area and 100 per cent meat inspection is maintained.

Thanks should be given to the staff of the Department of Preventive Medicine, Canyage Hall, Bristol for their invaluable co-operation during the past year. In cases of doubt and where diagnosis has been difficult the advice and help given has been of great service.

The following table gives details of the examination and inspection of carcasses, together with the percentages of meat condemned.

SODBURY RURAL DISTRICT COUNCIL
CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	826	136	754	3,720	5,528
Number inspected	826	136	754	3,720	5,528
ALL DISEASES					
EXCEPT TUBERCULOSIS AND CYSTICERCI					
Whole carcasses condemned	—	1	7	8	—
Carcasses of which some part or Organ was condemned	42	15	—	9	62
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5.08 %	11.76 %	.93 %	.46 %	1.12 %
TUBERCULOSIS ONLY					
Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	48
Percentage of the number inspected affected with tuberculosis	—	—	—	—	.86 %
CYSTICERCOSIS					
Carcasses of which some part or Organ was condemned	3	—	—	—	—
Carcasses submitted to treatment by refrigeration	3	—	—	—	—
Generalised and totally condemned	—	—	—	—	—
Total Number of animals killed	10,964				
MEAT CONDEMNED					
With Tuberculosis					469 lbs.
With Cysticercosis					46 lbs.
With other Diseases					2,596 lbs.
Total					3,111 lbs.

SODBURY RURAL DISTRICT COUNCIL

CARAVAN SITES

At the end of the year there were a total of nine caravan sites in operation.

Seven of these (accommodating 235 caravans) were permanent residential sites and two (with a total of 47 caravans) were licenced for seasonal use only.

During the year the Council's site at Stoke Gifford came into operation and the number of caravans to be stationed here is 58.

HOUSING

UNFIT HOUSES

During the year action under Section 16 of the Housing Act 1957 was taken against 9 houses, making a total of 232 dealt with under the Council's Unfit Houses Programme.

There are now 23 dwellings requiring attention but this may be reduced as the trend to purchase old houses with a view to modernization still persists. During the year 7 properties were removed from the unfit houses list for this reason.

The following table indicates the houses dealt with during the past year:—

<i>Parish</i>						<i>No.</i>
Iron Acton	...	...	...	...	...	2
Cold Ashton	...	...	...	...	...	2
Winterbourne	...	...	...	...	...	1
Frampton Cotterell	...	...	...	...	...	1
Pucklechurch	...	...	...	...	...	2
Old Sodbury	...	...	...	...	...	1
TOTAL						9

SUMMARY

Number of houses in Clearance Areas where orders confirmed ..	...	...	...	...	...	...	—
Number of houses subject to Demolition Orders	...	...	...	...	...	...	3
Number of houses subject to Closing Orders	...	...	...	...	...	...	4
Number of houses where Undertakings were accepted	...	...	...	...	...	...	2
Number of houses where owners submitted proposals accepted by the Council	...	...	...	...	...	...	—
Number of houses actually demolished during the year	...	...	...	...	...	...	7
Number of families rehoused during the year from Unfit Houses subject of formal action	...	...	...	...	...	...	5
Number of houses in which Closing Orders have been substituted by Demolition Orders	...	...	...	...	...	...	—

No cases of Statutory Overcrowding were reported during the year.

SODBURY RURAL DISTRICT COUNCIL

RENT ACT, 1957

Three applications for Certificates of Disrepair were received bringing the total number to 54 since the introduction of the Act.

REFUSE COLLECTION & DISPOSAL

Following requests from the Wick and Wickwar Parish Councils it was decided to accelerate refuse collection from a fortnightly service to a weekly one in those areas. In order to do this and cope with the rapid development of the district it was found necessary to order a new compressor type vehicle of 11-15 cubic yards capacity.

The new service is expected to begin in April, 1964.

The remaining parishes where a fortnightly service is in operation are to be reviewed in the new year with a view to the inauguration of a weekly collection.

The disposal of household refuse is by controlled tipping using a power shovel on five sites.

Two of these sites, Chipping Sodbury and Swan Lane are nearing completion and negotiations have commenced for the acquisition of two replacement sites.

One such site is situated at the Old Barn Quarry, Wickwar for which planning consent has been received and the other is situated at an old marle pit near Snailhams Farm, Winterbourne, for which Planning consent is being sought.

Tipping on the recently acquired site at the old Hambrook Brickworks, Northwoods commenced in April and the Council is allowing Mangotsfield U.D.C. and Thornbury R.D.C. limited tipping facilities there.

In spite of the recession in the waste paper recovery industry, no difficulty was experienced in the disposal of waste paper.

The amount of salvageable material collected and disposed of was as follows:—

Waste Paper	...	...	...	...	252 tons
Scrap Iron	...	...	...	...	2.4 tons
Rags	...	...	...	...	1.5 tons

to the total value of £1,463.

RODENT CONTROL

The following table gives details of the works of the Council's Rodent Inspector/Operator during the year.

The statistics have been compiled in the form required by the Ministry of Agriculture, Fisheries and Food.

SODBURY RURAL DISTRICT COUNCIL

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2, & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	62	14,820	1,356	16,238	738
Number of properties inspected as a result of :-					
(a) Notification	—	492	65	557	36
(b) Survey under the Act	30	308	130	468	33
(c) Otherwise (e.g. when visited primarily for some other purpose)	8	20	42	70	14
Total inspections carried out, including re-inspections	290	1,762	412	2,464	261
Number of properties inspected which were found to be infested by:					
(a) Rats—Minor	21	252	98	381	34
(b) Mice—Minor	16	242	127	383	—
Number of infested properties treated by the Local Authority	32	334	210	626	18
Total treatments carried out, including re-treatments	371	878	730	1,978	320

SODBURY RURAL DISTRICT COUNCIL

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Housing Act Inspections	...	...	...	259
Housing Act Reinspections	...	...	...	175
Public Health Act Inspections	...	..		281
Public Health Act Reinspections	...	...		415
Slaughterhouses	...	...	...	1,152
Dairies	...	...	...	10
Shops	...	...	...	270
Ice Cream Premises	...	...	...	36
Food Inspection	...	...	...	102
Restaurant Kitchens	...	...	..	107
Bakehouses	...	...	...	71
Drainage	...	...	...	288
Sewage Works	...	...	..	19
Moveable Dwellings	...	...	...	320
Storage of Petroleum	...	...	...	214
Factories	...	...	..	73
Mortuary	...	...	...	32
Infectious Disease	...	...	...	186
Disinfections	...	...	...	2
Disinfestations	...	...	..	2
Schools	...	...	...	4
Pet Animals Act	...	...	...	8
Places of Entertainment	...	...	...	7
Public Conveniences	...	...	...	427
Refuse Collection and Tips	...	...	..	1,197
Water Supply	...	...	...	460
Air Pollution	...	...	...	84
Samples of Water	...	...	...	22
Rodent Control Inspections	...	...	..	1,241
Rodent Control Reinspections	...	...		1,363
Miscellaneous	...	...	...	294
Samples of Milk	...	...	..	3
				<hr/> 9,124 <hr/>

WARMLEY RURAL DISTRICT COUNCIL

DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL

SEWAGE DISPOSAL

The phased "run-down" of the Conham Sewage Works is in progress, and ultimately the whole of the sewage which would have been received at that works will discharge into the City of Bristol sewers.

It is expected that work on the new trunk sewer for the area will commence during 1964.

SEWERS

Unfortunately there has not been during the year any progress in connection with the sewerage of those areas which lack main drainage at the present time, e.g. North Common, Upton Cheyney, etc.

DRAINAGE, IMPROVEMENTS AND CONVERSIONS

During the year a number of properties were converted from the conservancy system to the water carriage system of sanitation, and several properties served by bucket closets were either connected to the sewer or provided with cesspools or septic tanks.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Two premises are registered under the Act for the use of filling materials, and are also licensed for the storage of rag flock. There are no manufacturing premises for filling materials in this area.

FOOD INSPECTION

The usual routine visits were paid to food premises, and, where necessary, informal action taken. In one case, it was necessary to warn a food handler who was smoking whilst handling food in the course of delivery to the home of the purchaser.

Legal proceedings were taken in respect of a cake containing mouse droppings, and the Justices, who felt that there were extenuating circumstances, granted the defendant a conditional discharge but ordered part payment of the prosecution's costs.

CONDEMNED FOOD REGISTER

No requests were made during the year for the inspection of foodstuffs other than meat.

WARMLEY RURAL DISTRICT COUNCIL

REGISTERED PREMISES (SECTION 16) FOOD AND DRUGS ACT, 1955

(a) For the manufacture and sale of sausages, cooked meats, etc.					
Butchers shops	...	...	...	...	5
Sale of cockles	...	...	...	...	1
(b) For sale of ice-cream	...	...	...	...	42

MEAT INSPECTION

The Meat Inspection Regulations, 1963, came into force on 1st October, 1963, and provide for the inspection of all animals slaughtered for human consumption. In principle, they recognise the need for inspection at the time of slaughter, and place an obligation on those slaughtering the animals to give notice of slaughter to the local authority, and detain the meat for inspection. All animals passed as fit must be stamped, and local authorities are empowered to charge fees in accordance with a scale laid down.

In spite of pressure from local authority organisations, no provisions are included for controlling the hours of slaughter, reliance being placed on the effectiveness of the notices of slaughter and the detention periods. It is rather early to assess the full effect of this omission, but the first three months of operation have revealed certain practical difficulties.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle Steers or Heifers	Cows	Calves	Sheep and Lambs	Pigs	hogs
Number killed	4,268	1,002	854	20,121	15,166	—
Number inspected	4,268	1,002	854	20,121	15,166	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCOSIS						
Whole carcasses condemned		7	4	45	50	—
Carcasses of which some part or Organ was condemned		244	1	1,583	748	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticercosis		4.763	0.585	8.09	5.26	—
TUBERCULOSIS ONLY						
Whole carcasses condemned		1	—	—	—	—
Carcasses of which some part or Organ was condemned		33	—	—	26	—
Percentage of the number inspected affected with tuberculosis		0.645	—	—	0.1714	—
CYSTICERCOSIS						
Carcasses of which some part or Organ was condemned		7	—	—	—	—
Carcasses submitted to treatment by refrigeration		7	—	—	—	—
Generalised and totally condemned		—	—	—	—	—
Percentage of the number inspected affected with Cysticercosis.		0.133	—	—	—	—

NUMBER OF CATTLE RECEIVED UNDER THE TUBERCULOSIS (SLAUGHTER OF REACTORS) ORDER, 1950.

Total number received 65. Whole carcasses condemned 1. Number of carcasses of which some part or organ was condemned 33. CONDEMNED Meat affected with tuberculosis 1 650 lbs. Meat affected with other diseases and conditions 14,298 lbs.

WARMLEY RURAL DISTRICT COUNCIL

CLEARANCE AREAS

Unfit houses dealt with by Clearance Orders	6
Unfit houses purchased by agreement	21

INDIVIDUAL UNFIT HOUSES

(a) Houses dealt with by demolition orders	—
(b) Houses closed in pursuance of an undertaking given by the owners under section 16 and still in force ...	2
(c) Part of buildings closed (section 18)	—
(d) Closing Orders made	2

PROPERTIES RENDERED FIT

Number of unfit or defective houses rendered fit during the year as a result of informal action by the local authority under the Public Health and Housing Acts ...	23
---	----

RENT ACT, 1957

Number of applications for certificate of disrepair ...	—
---	---

NEW HOUSES ERECTED

(a) Total number erected during year—Council ...	33
Private Enterprise	209
Number of houses under construction but not completed at the end of year—Council	28
Private Enterprise	126
(b) New houses erected during year with state assistance under the Housing Act	—

IMPROVEMENT GRANTS

(a) *Discretionary Grants*

Number of applications received during the year ...	5
Number of applications approved	2
Payments made	£1,827

(b) *Standard Grants*

Number of applications received during the year ...	24
Number of applications approved	21
Payments made	£2,111

THE CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The improvement in the standards prevailing at licensed sites has continued, and it has not been necessary to institute proceedings for site licence infringements. Several warnings have been issued with regard to the use of land where no site licence was in force, but in most cases the caravans were removed without resorting to prosecution. In one case, after a protracted series of observations to establish that the caravan was being used for the purposes of human habitation, the Council resolved to prosecute the occupier of the land, but prior to the information being laid the site in question was purchased by a third party, who removed the caravan from the site. In the circumstances, the Council considered that no useful purpose would be served by pursuing the prosecution.

Some difficulty has been experienced with caravans parked on roadside verges. Before proceedings can be taken under the Act, it is necessary to know the identity of the "occupier" within the meaning of the Act. In the case of certain verges and roadside waste ground, it is virtually impossible to establish this fact, and the local authority is, therefore, powerless. However, in certain circumstances, the highway authority have certain powers under the Road Traffic Acts.

PUBLIC CLEANSING REFUSE COLLECTION

The kerbside collection was abandoned in June, 1963 in favour of a weekly off-street (back-door type) collection which is in operation throughout the whole of the district and working extremely well. This was made possible by applying a work study survey to the collection arrangements, thus ensuring the more efficient use of time, labour and transport. An alternative collection was arranged over each Bank Holiday period.

The Council are seriously considering the possibility of introducing the "Continental Dustless Collection System", using the Zoller method, and it is likely that phase 1, covering approximately half the district, will be introduced on 1st April, 1965. If these plans materialise, it is thought that the Council will be the first Rural District Authority in the United Kingdom to introduce this type of system.

REFUSE DISPOSAL

Disposal to date has been by means of controlled tipping at the Cowhorn Hill site, but this tip has now virtually reached the end of its life. Several alternative sites have been under consideration, but the planning applications have proved abortive, and future tipping facilities are therefore somewhat uncertain. In the meantime, the Council have made arrangements with the Kingswood Urban District Council for temporary facilities at their Conham Meads Site.

The Council, in conjunction with its two urban neighbours, have agreed to combine for refuse disposal purposes, and the three authorities propose to provide a pulverising plant at Carsons Road, Siston. The Minister has granted the necessary planning consent, and it is hoped that the necessary contract will be placed in the fairly near future.

RODENT CONTROL

This has again progressed very satisfactorily, and the contract service has been extended. A full time rodent operator is employed.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	4	6,788	304	7,096	113
Number of properties inspected as a result of :-					
(a) Notification	3	354	38	395	21
(b) Survey under the Act	—	—	—	—	—
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	—
Total inspections carried out, including re-inspections	250	2,018	255	2,523	191
Number of properties inspected which were found to be infested by:					
(a) Rats—Minor	3	294	29	326	16
(b) Mice—Minor	—	1	—	1	—
Number of infested properties treated by the Local Authority	3	295	29	327	16
Total treatments carried out, including re-treatments	250	1,589	207	2,046	172

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Dwelling Houses (Public Health Act)	...	114
Dwelling Houses (Housing Act)	... ..	732
Improvement Grants	... ..	116
Refuse	... ..	459
Food Premises (Registered)	... ..	17
Food Premises (Unregistered)	... ..	102
Other shops	... ..	4
Bakehouses	... ..	—
Workplaces and Offices	... ..	3
Factories (Non-mechanical)	... ..	6
Factories (Mechanical)	... ..	13
Outworkers	... ..	—
National Assistance Act, 1948	... ..	—
Clean Air	... ..	12
Offensive Trades	... ..	1
Drainage	... ..	129
Tents, Vans and Sheds	... ..	95
Keeping of animals	... ..	35
Food inspection	... ..	8
Meat Inspection	... ..	1,010
Sites	... ..	20
Water Supply	... ..	35
Infectious Disease Enquiries	... ..	308
Miscellaneous Infectious Disease visits	... ..	23
Food Sampling	... ..	—
Licensed Premises	... ..	6
Miscellaneous Sanitary Visits	... ..	277
Rodent Control	... ..	2,714
Disinfestation (other pests)	... ..	52
Meetings and Conferences	... ..	61
Health Education	... ..	2

SANITARY INSPECTION OF AREA

Nuisances discovered or reported	... ..	95
Informal Notices sent	... ..	19
Verbal notices	... ..	76
Statutory notices sent	... ..	10
Summonses issued	... ..	—

KINGSWOOD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

1. STORM WATER RELIEF SCHEMES

The New Cheltenham Storm Water Scheme, which was designed to prevent the recurrence of flooding in the valley approximating to the alignment of New Cheltenham Road, has been completed. A twin 42" pipe outfall to Warmley Brook has been laid. The Forest Walk storm relief scheme has also been completed.

2. FOUL SEWERAGE SCHEMES

(a) *Northern Area*

The main sewer serving the northern part of Kingswood has been replaced by a larger pipe line from Fisher Road to Grimsbury Farm at a cost of approximately £25,000.

(b) *Trunk Sewer*

A scheme for the construction of a relief trunk sewer between Grimsbury Farm and Conham Road within the Kingswood area, and continuing to Marsh Lane within the City of Bristol, has been prepared. Work is expected to commence in June, 1954. The estimated cost of this scheme is £550,000.

When it has been completed the Council's Sewage Disposal Works at Conham will be abandoned and the whole of the main drainage from Kingswood and from the greater part of Warmley will continue via the Bristol sewers to the Bristol new Sewage Disposal Works.

FOOD INSPECTION

Premises registered under Food & Drugs Act 1955—S.16.

Sale of ice-cream	...	...	...	...	96
Meat Products	...	...	...	...	20

ICE-CREAM.

A complaint was received during the year of the condition of milk in a milk churn supplied to a local school. It was found that the milk was sour and the cause was attributed to unclean churns. The supplier's attention was drawn to the matter but no legal proceedings ensued.

FOOD HYGIENE REGULATIONS

Routine visits have been made to food premises and where contraventions were found the attention of the occupiers was drawn to them. Lack of facilities for maintaining personal cleanliness (soap, towels, nail brushes, etc.) and soiled overalls were the most frequent type of contravention encountered. Structural deficiencies were also noted.

A large food manufacturing factory which had outgrown its factory space submitted plans for a completely new premises in a factory precinct and construction was in progress by the end of the year.

UN SOUND FOOD SURRENDERED

20 x 1 lb. 4 oz. jars apricot jam.
4 x 1 lb. tins carrots.
3 x 4 lb. tins chopped pork.
4 x 1 lb 13 oz. tins fruit cocktail.
10 x 2 pts. tins condensed milk.
16 x 6 lbs. tins corned beef.
6 x 12 oz. tins corned beef.
81 x 6 oz. tins cream.
8 x 1 lb tins creamed rice.
3 x 1 lb. tins creamed sago.
13 x 2 pt. tins evaporated milk.
4 x 2 lb. tins fruit cocktail.
11 x 1 lb. tins grapefruit.
4 x 6 lb. tins ham.
1 x 13 lb. tin ham.
6 x 6 lb. tins jellied veal.
2 x 12 oz. tins luncheon meat loaf.
5 x 11 oz. tins oranges.
3 x 2 lb. jars orange marmalade.
21 x 15 oz. tins pears
18 x 1 lb. 14 oz. tins pears.
19 x 1 lb. 8 oz. tins peas.
8 x 6 oz. tins pilchards.
5 x 12 oz. tins pineapple cubes.
8 x 7 oz tins pork luncheon meat.
1 x 1 lb. 7 oz. tin raspberry pie filling.
5 x 8 oz. tins salmon (red & pink)
9 x 1 lb. tins stewed steak.
16 x 1 lb. tins tomatoes.
4 x 6 lb. tins tongue.
2 x 6 lb. tins veal.

MEAT INSPECTION

There is only one small private slaughterhouse in the area. 100% meat inspection was continued during the year, mainly at weekends. The Meat Inspection Regulations which came into force on the 1st October made the stamping of inspected meat an obligation and also enabled charges for the service to be made.

MANGOTSFIELD URBAN DISTRICT COUNCIL.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	317	17	27	1069	62	—
Number inspected	317	17	27	1069	62	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCI						
Whole carcasses condemned	—	1	—	1	—	—
Carcasses of which some part or Organ was condemned	8	3	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	2.5	23.5	—	0.09	—	—
TUBERCULOSIS ONLY						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—	—
CYSTICERCOSIS						
Carcasses of which some part or Organ was condemned	3	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	1	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

KINGSWOOD URBAN DISTRICT COUNCIL.

HOUSING

(a) <i>Clearance Areas</i>	
No. of dwellings included in Clearance Areas	19
(b) <i>Individual Unfit Dwellings</i>	
No. of dwellings the subject of Demolition Orders	6
No. of dwellings the subject of Closing Orders—or	
Undertakings	2
(c) <i>Individual Dwellings made fit</i>	
(i) Under Sect. 9 and 16 Housing Act	1
(ii) Following formal Public Health Action	3
(iii) Following informal action by Local Authority	47

IMPROVEMENT GRANTS

(a) <i>Discretionary Grants</i>	
No. of applications received	13
No. of applications approved	13
No. of grants paid	4
Amount	£196 0. 0d.
(b) <i>Standard Grants</i>	
No. of applications received	59
No. of applications approved	55
No. of grants paid	47
Amount	£5167 13. 9d.

NEW HOUSES ERECTED

(a) No. of houses erected by Local Authority	20
(non was for old people)	
(b) By private development	188

RENT ACT, 1957

(a) No. of applications received	Nil
(b) No. of certificates of Disrepair issued	Nil

OVERCROWDING

No. of cases reported	Nil
No. of cases relieved	Nil

CARAVANS AND CAMPING SITES

There is only one private licenced site remaining in the area (4 caravans) and this has only temporary planning approval.

The new council-owned site at Bibstone, Tenniscourt Road, was occupied during the year. There are standings for fourteen caravans with modern sanitation, water supply, drainage, laundry and ablution block, paved approaches and parking space. The demand for standings greatly exceeds the spaces available.

REFUSE COLLECTION AND DISPOSAL

A weekly collection of house refuse is given throughout the area.

The shortage of tipping space has become acute. Kingswood adopted a "good neighbour" policy by allowing its only remaining refuse tip at Conham Meads to be used by Mangotsfield. This site is likely to be used up by the end of 1965 if not sooner.

The Council is fully aware of the position and a Joint Refuse Disposal Committee has been formed with Mangotsfield and Warmley to erect a pulverising plant. In October a public enquiry was held into this project and the outcome is awaited.

KINGSWOOD URBAN DISTRICT COUNCIL.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	22	8596	973	9591	Included in column (3)
Number of properties inspected as a result of :-					
(a) Notification	—	124	20	131	
(b) Survey under the Act	15	22	—	50	
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	
Total inspections carried out, including re-inspections	252	593	67	912	
Number of properties inspected which were found to be infested by :					
(a) Rats—Minor	11	123	10	144	
(b) Mice—Minor	4	—	—	47	
Number of infested properties treated by the Local Authority	15	146	20	181	
Total treatments carried out, including re-treatments	252	593	67	912	

KINGSWOOD URBAN DISTRICT COUNCIL.

PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Accumulation	1
Animals Kept	1
Bakehouses	7
Clean Air Act	29
Cleansing and Salvage	410
Drainage—houses	138
Drainage—other	29
Factories	22
Food Premises	73
Houses dirty or verminous	5
Houses (Public Health Act)	222
Housing Inspection	150
Housing Applications	453
Ice-cream premises	6
Laboratory visits	76
Noise nuisance	18
Other premises (Public Health Act)	2
Petroleum	2
Rats and Mice	5
Schools	1
Shops	5
Slaughterhouses	201
Standard Grants	285
Sewers	78
Van dwellings	38
Water supply	4
Miscellaneous	437
Conveniences and Mortuary	7
Infectious Diseases	74
Interviews	4
Meetings, Council, etc.	86
Milk Samples	5
Meat Inspections	196
Bullocks	317
Heifers	196
Cows	17
Calves	27
Sheep	1,069
Pigs	62
Small Dwellings Acquisition Act	5
Burial of the dead	7

MANGOTSFIELD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

FOUL SEWERAGE

No major work was planned during the year, but connection was made between the Frome Valley Trunk Sewer and the Moor-end Works in anticipation of the latter's closure in September/October, 1964.

SURFACE WATER DRAINAGE

The Northern Stormwater Scheme was designed and received Ministry approval during the course of the year. Tenders have now been called for and loan sanction obtained. It is hoped that work will commence in the early part of next year.

FOOD INSPECTION

Premises Registered under Section 16 of the Food and Drugs Act, 1955.

1. Sale of Ice-Cream	...	...	...	...	46
2. Manufacture of Ice-Cream	...	...	...	...	1
3. Fish Friers	...	...	...	...	5
4. Cooked Meat Products	...	...	...	...	11

Frequent visits were made to all food premises during the year, and it was not necessary to bring any matters to the attention of owners. All Cafés, etc., were visited at frequent intervals, and found to be satisfactory.

TINNED FOOD CONDEMNED DURING 1963

Ham	...	...	...	...	...	24 lb.
Corned Beef	...	...	...	...	...	54 lb.
Jellied Veal	...	...	...	...	...	6 lb.
Tongue	...	...	...	...	...	5 lb.
Tinned Fruit	...	...	...	...	...	60 lb.
Tinned Vegetables	...	...	...	...	...	25 lb.
Luncheon Meat	...	...	...	...	...	18 lb.
Butter	...	...	...	...	...	6 lb.
Soup	...	...	...	...	...	10 lb.
Fruit Juice	...	...	...	...	...	12 lb.

All condemned tinned food is disposed of by burying at the refuse tip.

MEAT INSPECTION

New Meat Regulations came into operation on the 1st October, 1963, and called for the compulsory examination of every carcass on a more detailed scale than hitherto and the stamping as fit for human consumption of those carcasses not showing signs of disease. This led to many hours of overtime being worked by Inspectors, particularly at weekends.

MANGOTSFIELD URBAN DISTRICT COUNCIL.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	698	420	660	5093	7888
Number inspected	638	420	660	5093	7888
ALL DISEASES					
EXCEPT TUBERCULOSIS AND CYSTICERCI					
Whole carcasses condemned	5	1	1	13	24
Carcasses of which some part or Organ was condemned	40	8	3	410	71
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	6.44%	2.14%	.66%	8.30%	1.20%
TUBERCULOSIS ONLY					
Whole carcasses condemned	—	—	—	3	—
Carcasses of which some part or Organ was condemned	—	—	—	22	—
Percentage of the number inspected affected with tuberculosis	—	—	—	0.49%	—
CYSTICERCOSIS					
Carcasses of which some part or Organ was condemned	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—

MANGOTSFIELD URBAN DISTRICT COUNCIL.

HOUSING

SLUM CLEARANCE

Four houses were subject to either Closing or Demolition Orders during the year.

So far as the Redevelopment Area of Haynes Lane, Nelson Road, Berkeley Road, Staple Hill was concerned, no major strides were made during the year. The Council did, however, acquire several properties by negotiation. The County Council decided not to proceed under its powers of Comprehensive Development, and it is probable that the scheme will be carried out by the District Council.

OVERCROWDING

No cases of Overcrowding were detected during the year.

NEW HOUSES

The District Authority did not complete any houses during 1963, but 20, all for old people, were in course of construction. 50 houses were erected by private developers.

DISCRETIONARY IMPROVEMENT GRANTS

The Council decided to suspend the Discretionary Grant scheme for a period of 12 months commencing 1st April, 1963, and the number of grants authorised in the period January to March, 1963 was only one.

STANDARD IMPROVEMENT GRANTS

45 applications for Standard grants were approved during the year, the total amount of grant paid being £2,307 19s. 7d.

The Ministry introduced new practice notes in April, 1962, but these have proved difficult to interpret. It is to be hoped that in the new Housing Bill of 1964 there will be some clarification of the position.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The two permanent caravan sites in the district both privately owned, were inspected during the year and both were maintained in an excellent condition.

REFUSE DISPOSAL

One 30 cu. yd. vehicle collects all the refuse from the north of the district, and unloads at Hambrook Brickworks by courtesy of the Sodbury Rural District Council. This vehicle makes three trips per day, and collects therefore about 23,00 cu. yds. of refuse per annum.

The remainder of the district is dealt with by a 20 cu. yd. vehicle which makes three collections a day and a 12 cu. yd. side loader which makes four collections a day. Both of these use Kingswood Urban District Council's tip at Conham Meads, and collect approximately 12,000 cu. yds. per annum.

SWIMMING BATHS

The Soundwell Swimming Bath continues to be extremely popular.

Bacteriological and chemical samples were taken at regular intervals and submitted to the Public Analyst. All the reports proved satisfactory. In addition eight samples are taken daily by the staff to ensure that the correct dosage of chlorine and P.H. readings are maintained.

The water is kept at a temperature of 80°F., which is 3° above the average temperature for baths in this country. This added luxury probably accounts for the fact that attendance during 1963 showed an increase of approximately 50,000 on the figure for last year.

RODENT CONTROL

The following table gives details of the work carried out during the year.

In addition a regular feature is the inspection of all house drains, as a result of which, many infestations have been detected and treated.

In December, 1963, the Council queried the advisability of continuing to make a charge for the treatment of business premises, and resolved that with effect from the 1st January, 1964, such premises would receive a free service similar to that enjoyed by private householders. This has been generally welcomed, and will doubtless lead to prompt notification of any infestation.

MANGOTSFIELD URBAN DISTRICT COUNCIL.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	8	7584	274	7866	2
Number of properties inspected as a result of :-					
(a) Notification	—	140	18	158	—
(b) Survey under the Act	—	—	—	—	—
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	—
Total inspections carried out, including re-inspections	12	431	74	517	—
Number of properties inspected which were found to be infested by :					
(a) Rats—Minor	3	110	16	129	—
(b) Mice—Minor	3	30	2	35	—
Number of infested properties treated by the Local Authority	3	140	18	161	—
Total treatments carried out, including re-treatments	14	327	48	389	—

HEALTH EDUCATION

At the end of the year a Programme of illustrated talks was being prepared for 1964. From enquiries made by various organisations, it would appear that there is a keener interest in Health Education generally, and the department is doing everything possible to foster and maintain it.

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Accumulations	...	...	...	...	4
Animals kept	...	...	...	...	7
Bakehouses	...	...	...	...	8
Dairies	...	...	...	...	4
Drainage—houses	...	...	...	...	30
Drainage—other	...	...	...	...	10
Factories	...	...	...	...	16
Food Premises	...	...	...	...	230
Houses—dirty or verminous	...	...	...	...	2
Houses (Public Health Act)	...	...	...	...	79
Housing Inspections	...	...	...	...	150
Improvement Grants	...	...	...	...	400
Ice-Cream Premises	...	...	...	...	3
Piggeries	...	...	...	...	4
Rats and Mice	...	...	...	...	8
Shops	...	...	...	...	93
Slaughterhouses	...	...	...	...	1,200
Sewers	...	...	...	...	17
Water Supply	...	...	...	...	4
Fumigation for Infectious Diseases Cases	..				1
Infectious Disease visits	...	...	...	...	12
Interviews	...	...	...	...	617
Meetings. Council, etc.	...	...	...	...	50
Miscellaneous	260
Water Samples	20
Swimming Baths	28
Lectures and Talks	8

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